

Figure 10 Voltage Mode output stage.

Proposed New Milli-actuator Solution – Voltage Mode

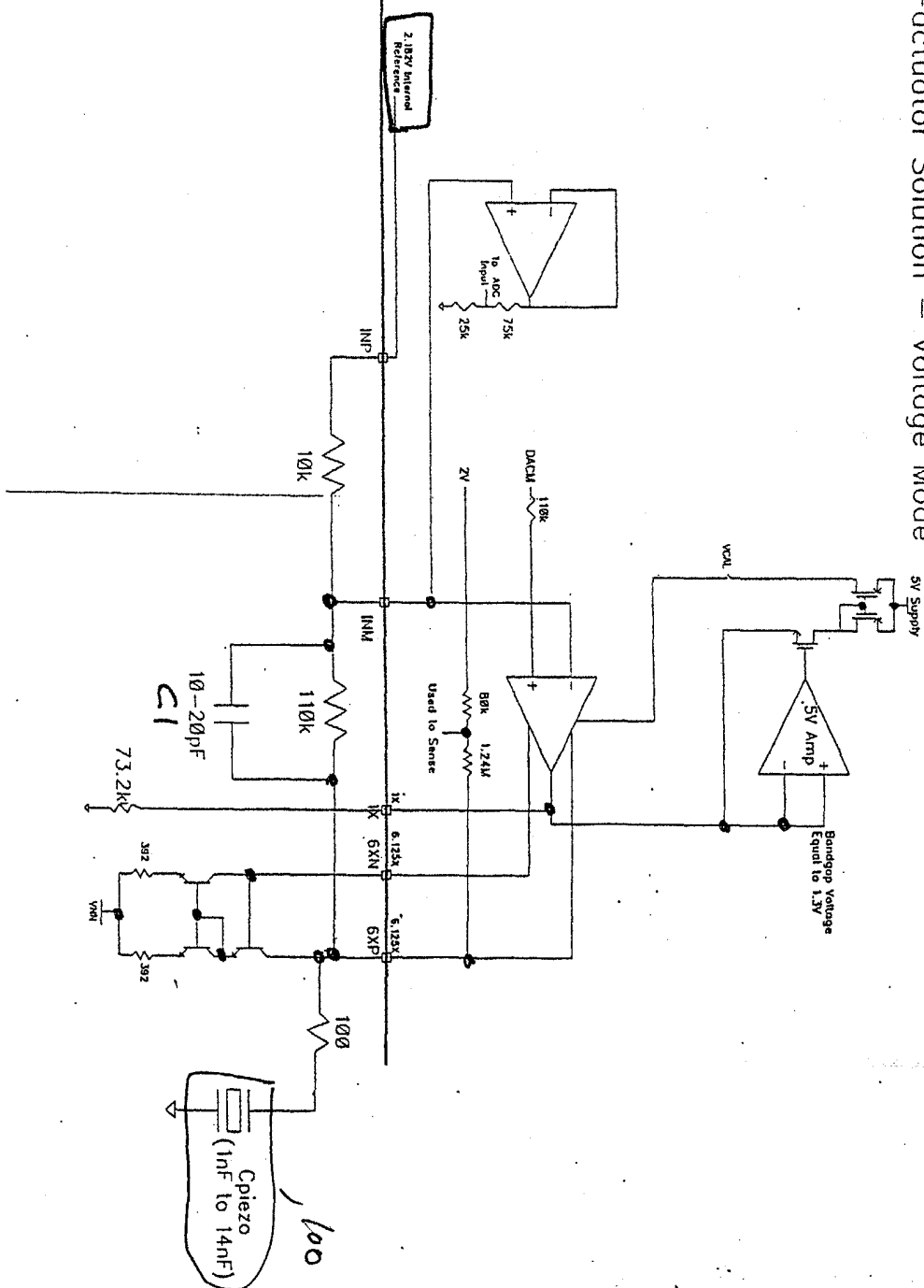


Figure 6

Proposed New Milli-actuator Solution

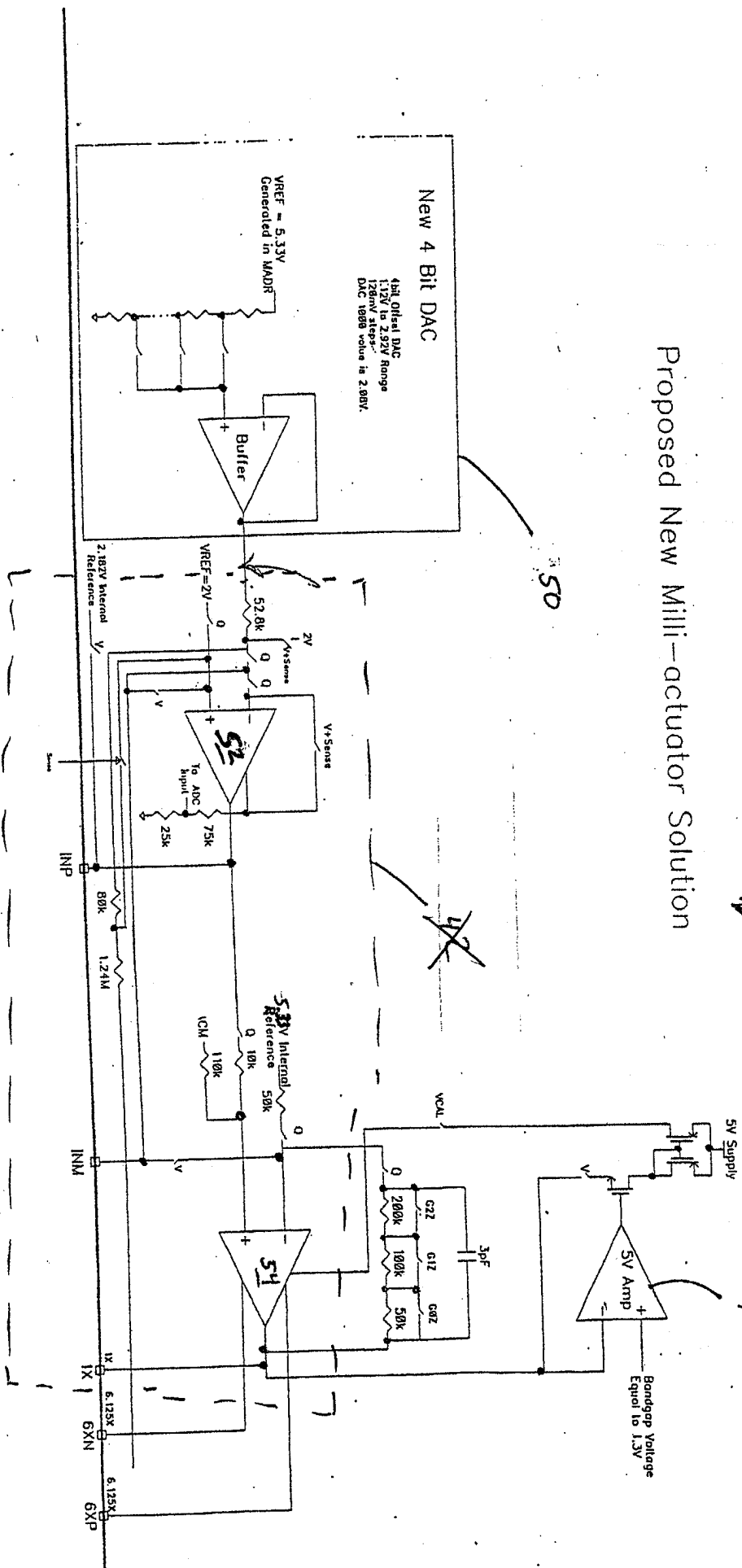


FIGURE 4

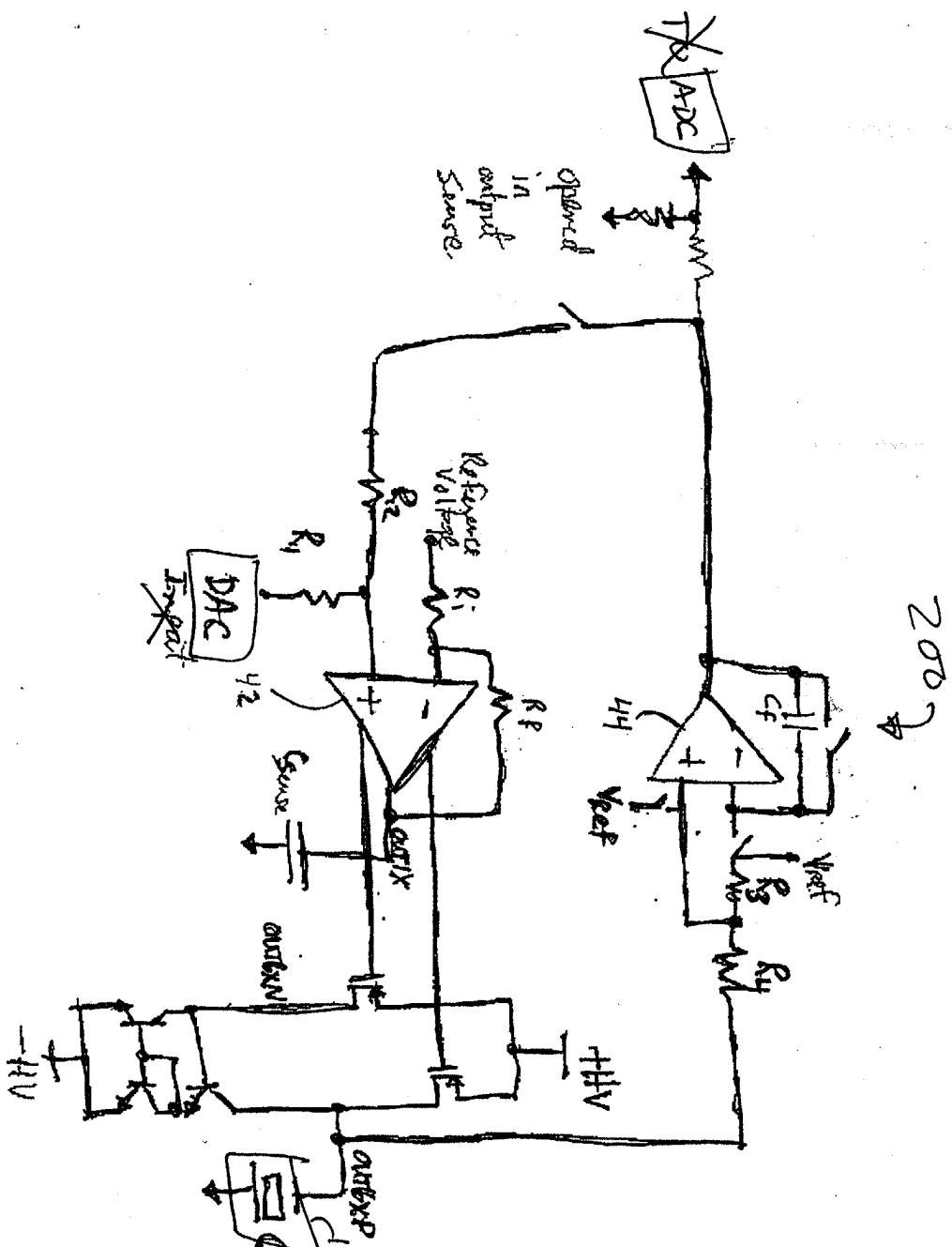


Figure 12: Charge Mode Output Sense

In charge mode, the output sense, the DC restore amplifier is reconfigured. The feedback capacitor is shunted, the R_3, R_4 feedback is opened and connected to V_{ref} . The non-inverting input is opened from V_{ref} and connected to the R_3, R_4 divider.

The outputs $OUTBU$ and $OUTBP$ are made high impedance and observation. They be sensed through R_3, R_4 to reconfigured DC restore amplifier and sent to ADC.

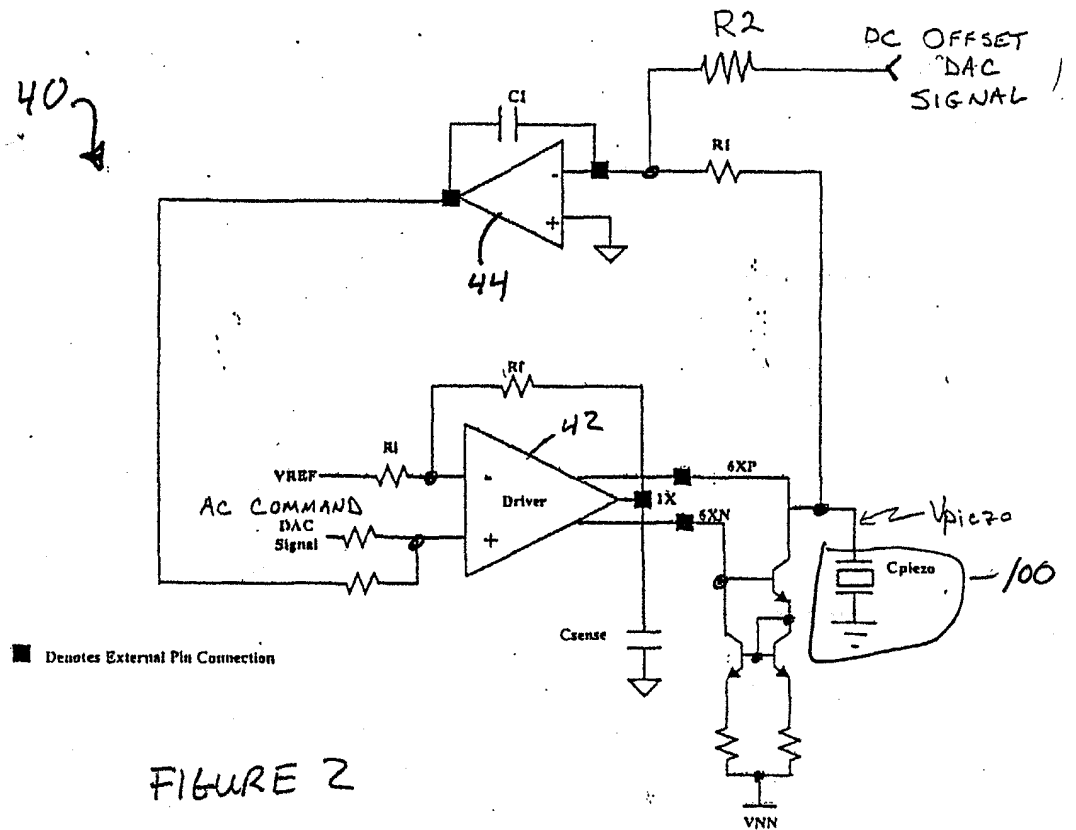


FIGURE 2

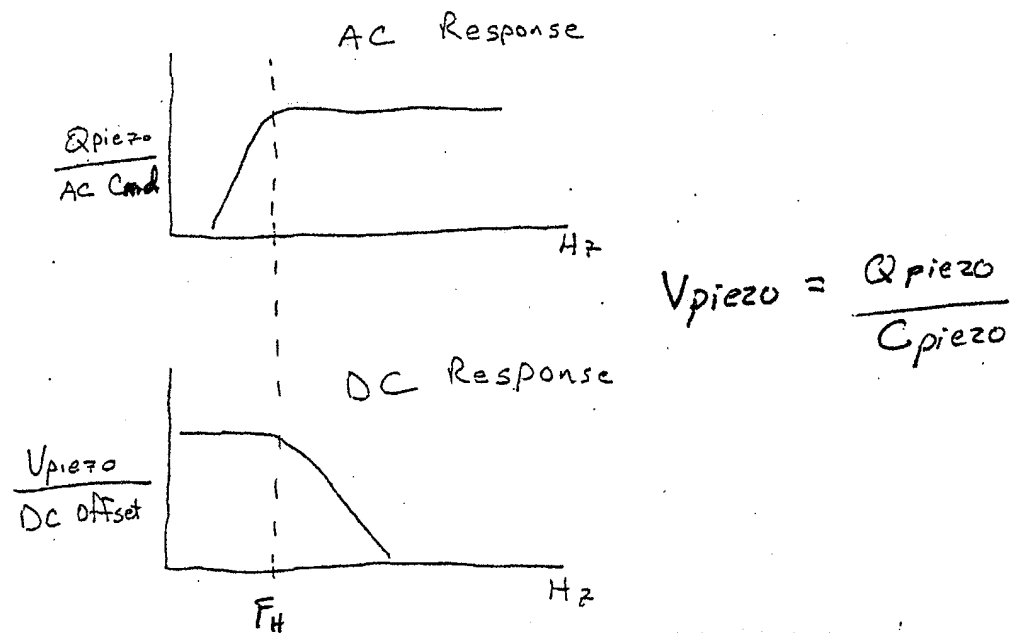


FIGURE 3